

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

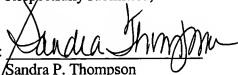
Inventor: application of: **Huang et al.**Group No.: **Not Yet Assigned**Application No.: **10/518,201**Examiner: **Not Yet Assigned**Filed: **December 16, 2004**For: **Planarization Films for Advanced Microelectronic Applications and
Devices and Methods of Production Thereof****Mail Stop DD
Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450****TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT
WITHIN THREE MONTHS OF FILING OR
BEFORE MAILING OF FIRST OFFICE ACTION (37 C.F.R. 1.97(b))****IDENTIFICATION OF TIME OF FILING THE ACCOMPANYING
INFORMATION DISCLOSURE STATEMENT**

The information disclosure statement submitted herewith is being filed within three months of the filing date of the application or date of entry into the national stage of an international application or before the mailing date of a first Office action on the merits, whichever event occurs last. 37 C.F.R. 1.97(b).

Respectfully submitted,

Date: June 13, 2005

By:


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I hereby certify that, on the date shown below, this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail, in an envelope addressed to the Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450.


Kristin J. Azcona

Date: June 13, 2005

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Re application of: **Huang et al.**

Serial No: **10/518201**

Filed: **December 16, 2004**

For: **PLANARIZATION FILMS FOR
ADVANCED
MICROELECTRONIC
APPLICATIONS AND
DEVICES AND METHODS OF
PRODUCTION THEREOF**

Group: **Not Yet Assigned**

Examiner: **Not Yet Assigned**

INFORMATION DISCLOSURE STATEMENT

**MAIL STOP DD
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ALEXANDRIA, VA 22313-1450**

Sir:

In accordance with the duty of disclosure imposed by 37 C.F.R. § 1.56 to inform the United States Patent and Trademark Office of all references coming to the attention of the Applicant(s) or attorneys or agents for Applicant(s) which are or may be material to the examination of the subject application, attorneys for the Applicant(s) hereby invite the Examiner's attention to the references listed in the accompanying PTO Form 1449 entitled "List of References Cited".

This submission is understood to complement the results of the Examiner's own independent search. The submission of this Disclosure Statement should not be construed as a representation that a search was made, or that the cited items are inclusive of all relevant and material citations that may be available publicly.

The Applicant understands that there are a large number of references cited in this Information Disclosure Statement, and it should be noted that the Applicant believes they are all relevant to the state of the art and the subject matter of the above-referenced application. The Applicant does not intend to unnecessarily burden the Examiner or the Office. In order to help the Office with its review, the documents considered most relevant are shown with asterisks next to the reference, and in the Office copy, these references are highlighted.


Applicant(s) respectfully request that the Examiner review the foregoing references, as set forth in the Form PTO-1449, and that they be made of record in the file history of the above-captioned application.

Respectfully submitted,

Bingham McCutchen

Dated: June 13, 2005

By:


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|--|---|----------------------------------|
| LIST OF REFERENCES CITED BY APPLICANT <i>(Use several sheets if necessary)</i> | ATTY. DOCKET NO. 7035812001-3221000 | SERIAL NO. |
| | APPLICANT | |
| | FILING DATE | GROUP Not Yet Assigned |


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| | | US 2004/0033434 | 02/19/04 | Ishihara et al. | 430 | 270.1 | 06/27/01 |
| | ** | US 2004/0038138 | 02/26/04 | Kiguchi et al. | 430 | 7 | 08/14/02 |
| | | US 2004/0038147 | 02/26/04 | Ray | 430 | 270.1 | 08/20/02 |
| | | US 2004/0040713 | 03/04/04 | Nguyen et al. | 166 | 295 | 08/28/02 |

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /TY/

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|--|--|-----------------|----------|--------------------|-----|-------|----------|
| | | US 2004/0053156 | 03/18/04 | Fujita et al. | 430 | 191 | 07/22/03 |
| | | US 2004/0053800 | 03/18/04 | Zhang et al. | 510 | 175 | 07/10/03 |
| | | US 2004/0058273 | 03/25/04 | Sasaki et al. | 430 | 270.1 | 09/10/03 |
| | | US 2004/0062939 | 04/01/04 | Shimada et al. | 428 | 474.4 | 09/10/03 |
| | | US 2004/0063882 | 04/01/04 | Kamon et al. | 526 | 266 | 12/05/01 |
| | | US 2004/0067432 | 04/08/04 | Kitson et al. | 430 | 160 | 10/04/02 |
| | | US 2004/0067434 | 04/05/04 | Kano et al. | 430 | 270.1 | 09/16/03 |
| | | US 2004/0067435 | 04/08/04 | Iwato et al. | 430 | 270.1 | 09/16/03 |
| | | US 2004/0072420 | 04/15/04 | Enomoto et al. | 438 | 636 | 10/15/02 |
| | | US 2004/0079252 | 04/29/04 | Sawada et al. | 101 | 453 | 09/05/03 |
| | | US 2004/0082699 | 04/29/04 | Brown | 524 | 462 | 09/30/03 |
| | | US 2004/0084304 | 05/06/04 | Thompson | 204 | 296 | 10/30/02 |
| | | US 2004/0087681 | 05/06/04 | Shah | 523 | 201 | 11/06/02 |
| | | US 2004/0106060 | 06/03/04 | Maemoto | 430 | 138 | 11/19/03 |
| | | US 2004/0109853 | 06/10/04 | McDaniel | 424 | 94.6 | 09/04/03 |
| | | US 2004/0110077 | 06/10/04 | Yachi et al. | 430 | 108.6 | 10/02/03 |
| | | US 2004/0110090 | 06/10/04 | Patel et al. | 430 | 302 | 12/04/02 |
| | | US 2004/0118596 | 06/24/04 | Fuller, Jr. et al. | 174 | 255 | 12/19/02 |
| | | US 2004/0118598 | 06/24/04 | Fuller, Jr. et al. | 174 | 255 | 03/06/03 |
| | | US 2004/0127599 | 07/01/04 | Abadie et al. | 523 | 136 | 10/15/03 |
| | | US 2004/0131789 | 07/08/04 | Brown | 427 | 393.4 | 10/17/02 |
| | | US 2004/0134365 | 07/15/04 | Mori | 101 | 459 | 12/04/03 |
| | | US 2004/0134682 | 07/15/04 | En et al. | 174 | 258 | 01/06/04 |
| | | US 2004/0134685 | 07/15/04 | Fallon et al. | 174 | 262 | 12/22/03 |
| | | US 2004/0142276 | 07/22/04 | Arai et al. | 430 | 270.1 | 01/08/04 |
| | | US 2004/0142826 | 07/22/04 | Nguyen et al. | 507 | 200 | 01/08/04 |
| | | US 2004/0144277 | 07/29/04 | Collins et al. | 101 | 467 | 01/27/03 |
| | | US 2004/0146328 | 07/29/04 | Sasayama | 400 | 118.2 | 12/22/03 |
| | | US 2004/0146799 | 07/29/04 | Miyamoto et al. | 430 | 138 | 01/27/03 |

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /TY/

| | | | | | | | |
|--|----|-----------------|----------|--------------------|-----|-------|----------|
| | | US 2004/0152010 | 08/05/04 | Kitson et al. | 430 | 270.1 | 10/27/03 |
| | | US 2004/0152012 | 08/05/04 | Iwato | 430 | 270.1 | 01/21/04 |
| | | US 2004/0152018 | 08/05/04 | Arias et al. | 430 | 273.1 | 12/04/03 |
| | | US 2004/0152323 | 08/05/04 | Suzuki et al. | 438 | 689 | 02/02/04 |
| | | US 2004/0157436 | 08/12/04 | Wong | 438 | 672 | 09/02/03 |
| | | US 2004/0157735 | 08/12/04 | Hare | 503 | 201 | 07/12/02 |
| | | US 2004/0158008 | 08/12/04 | He et al. | 526 | 72 | 02/06/03 |
| | ** | US 2004/0154489 | 08/12/04 | Deutsch et al. | 101 | 463.1 | 02/06/04 |
| | | US 2004/0158008 | 08/19/04 | Foster et al. | 430 | 280.1 | 02/06/04 |
| | | US 2004/0158008 | 08/26/04 | Egitto et al. | 205 | 125 | 02/24/03 |
| | | US 2004/0165882 | 08/26/04 | Sasayama | 396 | 578 | 01/08/04 |
| | | US 2004/0169913 | 09/02/04 | Chen et al. | 359 | 296 | 03/09/04 |
| | | US 2004/0170930 | 09/02/04 | Kawaguchi et al. | 430 | 322 | 02/26/04 |
| | | US 2004/0175407 | 09/09/04 | McDaniel | 424 | 423 | 03/03/04 |
| | | US 2004/0175643 | 09/09/04 | Baba et al. | 430 | 109.4 | 03/05/04 |
| | | US 2004/0177998 | 09/16/04 | Fuller, Jr. et al. | 174 | 262 | 03/30/04 |
| | | US 2004/0180285 | 09/16/04 | Tao et al. | 430 | 270.1 | 03/10/03 |
| | | US 2004/0180291 | 09/16/04 | Collins et al. | 430 | 302 | 11/21/03 |
| | | US 2004/0185369 | 09/23/04 | Patel | 430 | 270.1 | 03/21/03 |
| | | US 2004/0185371 | 09/23/04 | Takamiya | 430 | 270.1 | 03/09/04 |
| | | US 2004/0185374 | 09/23/04 | Takamiya | 430 | 270.1 | 03/12/04 |
| | ** | US 2004/0192876 | 09/30/04 | Hacker et al. | 528 | 129 | 04/06/04 |
| | | US 2004/0194961 | 10/07/04 | Nguyen et al. | 166 | 295 | 04/07/03 |
| | | US 2004/0197697 | 10/07/04 | Korionoff et al. | 430 | 270.1 | 04/07/03 |
| | | US 2004/0204328 | 10/14/04 | Zhang et al. | 510 | 175 | 03/19/04 |
| | | US 2004/0214108 | 10/28/04 | Ray et al. | 430 | 273.1 | 04/25/03 |
| | | US 2004/0214923 | 10/28/04 | Hori et al. | 523 | 336 | 03/25/04 |
| | | US 2004/0218889 | 11/04/04 | Shelnut et al. | 385 | 143 | 12/02/03 |
| | | US 2004/0219451 | 11/04/04 | Arao et al. | 430 | 270.1 | 01/30/04 |

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /TY/

| | | | | | | | |
|--|----|-----------------|----------|-----------------------|-----|-------|----------|
| | | US 2004/0224253 | 11/11/04 | Arao et al. | 430 | 270.1 | 01/30/04 |
| | | US 2004/0224258 | 11/11/04 | Maemoto et al. | 430 | 270.1 | 06/09/04 |
| | | US 2004/0231847 | 11/25/04 | Nguyen et al. | 166 | 295 | 05/23/03 |
| | | US 2004/0232330 | 11/25/04 | Uenishi et al. | 250 | 306 | 01/14/04 |
| | | US 2004/0234689 | 11/25/04 | Morganelli et al. | 427 | 256 | 05/23/03 |
| | | US 2004/0234883 | 11/25/04 | Maemoto | 430 | 138 | 06/09/04 |
| | | US 2004/0235996 | 11/25/04 | Shah et al. | 524 | 366 | 05/23/03 |
| | | US 2004/0247880 | 12/02/04 | Moyes et al. | 428 | 360 | 07/02/04 |
| | | US 2004/0247880 | 12/09/04 | Valette et al. | 428 | 413 | 06/06/03 |
| | | US 2004/0248031 | 12/09/04 | Ansai et al. | 430 | 270.1 | 10/22/02 |
| | | US 2004/0251446 | 12/16/04 | Mantanis et al. | 252 | 8.05 | 06/17/02 |
| | | US 2004/0254282 | 12/16/04 | Suzuki et al. | 524 | 430 | 10/10/02 |
| | | US 2004/0258912 | 12/23/04 | Piret et al. | 428 | 375 | 06/19/03 |
| | | US 2004/0259083 | 12/23/04 | Oshima | 435 | 6 | 05/10/02 |
| | | US 2004/0259456 | 12/23/04 | Ito et al. | 445 | 50 | 11/18/03 |
| | | US 2004/0265500 | 12/30/04 | Kucera et al. | 427 | 443.1 | 06/27/03 |
| | ** | US 2004/0253538 | 12/16/01 | Fujimori | 430 | 270.1 | 06/16/04 |
| | | 3,930,868 | 01/06/76 | Muzyczko et al. | 96 | 115 | 05/23/73 |
| | | 3,933,677 | 01/20/76 | Aufdermarsh, Jr. | 252 | 188.3 | 05/24/74 |
| | | 3,935,339 | 01/27/76 | Cooke, Jr. | 427 | 216 | 07/16/73 |
| | | 3,954,684 | 05/04/76 | Farrissey, Jr. et al. | 260 | 2.5 | 07/09/74 |
| | | 3,986,991 | 10/19/76 | Kolakowski et al. | 260 | 2.5 | 06/09/75 |
| | | 3,998,765 | 12/21/76 | Novak et al. | 260 | 2.5 | 10/03/74 |
| | | 4,011,180 | 03/08/77 | Lockwood et al. | 260 | 2.5 | 05/02/75 |
| | | 4,039,487 | 08/02/77 | Kolakowski et al. | 260 | 2.5 | 01/19/76 |
| | | 4,058,403 | 11/15/77 | Funabiki et al. | 106 | 56 | 12/11/78 |
| | | 4,066,628 | 01/03/78 | Ashida et al. | 260 | 77.5 | 08/02/76 |
| | | 4,074,760 | 02/21/78 | Copeland et al. | 166 | 276 | 11/01/76 |
| | | 4,075,139 | 02/21/78 | Greer | 260 | 2.5 | 02/22/77 |

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /TY/

| | | | | | | |
|--|-----------|----------|------------------|-----|------|----------|
| | 4,081,030 | 03/28/78 | Carpenter et al. | 166 | 276 | 11/01/76 |
| | 4,092,296 | 05/30/78 | Skiff | 260 | 47 | 08/13/73 |
| | 4,101,465 | 07/18/78 | Lockwood et al. | 521 | 118 | 10/06/76 |
| | 4,101,474 | 07/18/78 | Copeland et al. | 260 | 13 | 06/16/77 |
| | 4,118,535 | 10/03/78 | Banucci et al. | 428 | 383 | 11/03/75 |
| | 4,151,219 | 04/24/79 | Brewbaker et al. | 260 | 836 | 04/26/78 |
| | 4,156,612 | 05/29/79 | Muzyczko et al. | 96 | 115 | 11/25/77 |
| | 4,163,030 | 07/31/79 | Banucci et al. | 525 | 429 | 07/03/78 |
| | 4,165,413 | 08/21/79 | Sefton et al. | 521 | 429 | 09/20/78 |
| | 4,197,128 | 04/08/80 | Watanabe et al. | 430 | 193 | 11/02/77 |
| | 4,199,651 | 04/22/80 | Banucci et al. | 428 | 458 | 11/03/75 |
| | 4,207,106 | 06/10/80 | Odawara et al. | 430 | 165 | 05/10/78 |
| | 4,217,407 | 08/12/80 | Watanabe et al. | 430 | 166 | 12/01/76 |
| | 4,254,006 | 03/03/81 | Robertson | 260 | 31.8 | 08/12/77 |
| | 4,256,799 | 03/17/81 | Ohashi et al. | 428 | 215 | 08/20/79 |
| | 4,259,430 | 03/31/81 | Kaplan et al. | 430 | 191 | 06/25/76 |
| | 4,268,608 | 05/19/81 | Muzyczko et al. | 430 | 270 | 05/25/79 |
| | 4,288,565 | 09/08/81 | Lohse et al. | 521 | 135 | 06/11/79 |
| | 4,292,353 | 09/29/81 | Ohashi et al. | 428 | 211 | 11/13/78 |
| | 4,292,361 | 09/29/81 | Ohashi et al. | 428 | 215 | 08/20/79 |
| | 4,292,369 | 09/29/81 | Ohashi et al. | 428 | 313 | 03/06/80 |
| | 4,304,700 | 12/08/81 | Shimp et al. | 260 | 29.2 | 09/29/80 |
| | 4,323,658 | 04/06/82 | Speranza et al. | 521 | 174 | 09/02/80 |
| | 4,332,600 | 06/01/82 | Wegerhoff et al. | 65 | 2 | 01/07/80 |
| | 4,332,601 | 06/01/82 | Wegerhoff et al. | 65 | 2 | 06/23/80 |
| | 4,332,923 | 06/01/82 | Rainear | 525 | 507 | 10/23/80 |
| | 4,338,232 | 07/06/82 | Harris et al. | 523 | 414 | 04/07/80 |
| | 4,403,079 | 09/06/83 | Uhrig et al. | 525 | 507 | 02/10/82 |
| | 4,451,550 | 05/29/84 | Bennett et al. | 430 | 176 | 07/29/82 |

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /TY/

| | | | | | | | |
|--|----|-----------|----------|---------------------|-----|------|----------|
| | | 4,460,674 | 07/17/84 | Uehara et al. | 430 | 190 | 01/04/82 |
| | | 4,467,027 | 08/21/84 | Yamamoto et al. | 430 | 302 | 05/20/82 |
| | | 4,469,776 | 09/04/84 | Matsumoto et al. | 430 | 309 | 04/29/83 |
| | | 4,471,019 | 09/11/84 | Wegerhoff et al. | 428 | 224 | 07/27/83 |
| | | 4,499,171 | 02/12/85 | Hosaka et al. | 430 | 192 | 04/12/83 |
| | | 4,499,175 | 02/12/85 | Curtis et al. | 430 | 253 | 09/22/82 |
| | | 4,507,428 | 03/26/85 | Higginbottom et al. | 524 | 596 | 02/17/84 |
| | | 4,513,060 | 04/23/85 | Vasta | 428 | 416 | 02/08/84 |
| | ** | 4,513,077 | 04/23/85 | Isobe et al. | 430 | 270 | 06/13/83 |
| | | 4,526,856 | 07/02/85 | Lewis et al. | 430 | 191 | 05/23/83 |
| | | 4,530,948 | 07/23/85 | Cavitt et al. | 523 | 454 | 06/14/84 |
| | | 4,533,713 | 08/06/85 | Howells | 528 | 26 | 05/06/83 |
| | | 4,539,347 | 09/03/85 | DeGooyer | 523 | 404 | 09/20/84 |
| | | 4,544,801 | 10/01/85 | Rudik et al. | 174 | 68.5 | 08/09/84 |
| | | 4,553,596 | 11/19/85 | Graham et al. | 166 | 295 | 07/28/83 |
| | | 4,557,979 | 12/10/85 | Higginbottom et al. | 428 | 460 | 02/17/84 |
| | | 4,572,870 | 02/25/86 | Vasta | 428 | 416 | 12/28/84 |
| | | 4,588,419 | 05/13/86 | Caul et al. | 51 | 295 | 02/08/85 |
| | | 4,593,078 | 06/03/86 | Kooymans et al. | 525 | 497 | 05/14/84 |
| | | 4,604,436 | 08/05/86 | Thorpe et al. | 525 | 504 | 03/24/80 |
| | | 4,613,561 | 09/23/86 | Lewis | 430 | 326 | 10/17/84 |
| | | 4,614,775 | 09/30/86 | Bekooij et al. | 525 | 533 | 01/25/85 |
| | | 4,617,165 | 10/14/86 | Tsang et al. | 264 | 236 | 05/13/85 |
| | ** | 4,621,042 | 11/04/86 | Pampalone et al. | 430 | 271 | 08/16/85 |
| | | 4,624,998 | 11/25/86 | Keil | 525 | 476 | 12/30/85 |
| | | 4,626,474 | 12/02/86 | Kim | 428 | 416 | 06/21/85 |
| | | 4,650,743 | 03/17/87 | Galloway | 430 | 278 | 07/31/85 |
| | | 4,659,649 | 04/21/87 | Dickinson et al. | 430 | 280 | 04/30/84 |
| | | 4,661,436 | 04/28/87 | Lewis et al. | 430 | 326 | 08/19/85 |

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /TY/

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|--|-----------|----------|--------------------|-----|-------|----------|
| | 4,671,883 | 06/09/87 | Connell et al. | 252 | 8,515 | 07/12/85 |
| | 4,686,248 | 08/11/87 | Bekooij et al. | 523 | 404 | 05/29/86 |
| | 4,690,955 | 09/01/87 | Kilgour et al. | 521 | 112 | 06/30/86 |
| | 4,699,658 | 10/13/87 | Okada et al. | 106 | 21 | 10/03/86 |
| | 4,699,659 | 10/13/87 | Okada et al. | 106 | 21 | 10/03/86 |
| | 4,699,931 | 10/13/87 | Fuzesi et al. | 521 | 117 | 04/25/86 |
| | 4,710,449 | 12/01/87 | Lewis et al. | 430 | 326 | 01/29/86 |
| | 4,711,911 | 12/08/87 | Blount | 521 | 123 | 12/22/86 |
| | 4,732,702 | 03/22/88 | Yamazaki et al. | 252 | 512 | 01/20/87 |
| | 4,738,995 | 04/19/88 | Kooijmans et al. | 523 | 404 | 10/18/84 |
| | 4,746,683 | 05/24/88 | Kilgour | 521 | 112 | 09/29/87 |
| | 4,759,970 | 07/26/88 | Seeger, Jr. et al. | 428 | 209 | 04/27/87 |
| | 4,762,771 | 08/09/88 | Matsumoto et al. | 430 | 302 | 07/30/86 |
| | 4,766,158 | 08/23/88 | Fuzesi et al. | 521 | 110 | 08/03/87 |
| | 4,769,174 | 09/06/88 | Kilgour | 252 | 351 | 12/30/87 |
| | 4,769,437 | 09/06/88 | Blount | 528 | 95 | 09/18/87 |
| | 4,772,407 | 09/20/88 | Carlson | 252 | 74 | 12/02/87 |
| | 4,772,669 | 09/20/88 | van Iperen et al. | 525 | 484 | 06/22/87 |
| | 4,774,136 | 09/27/88 | Okada et al. | 428 | 402.2 | 07/21/87 |
| | 4,784,937 | 11/15/88 | Tanaka et al. | 430 | 331 | 08/04/86 |
| | 4,785,884 | 11/22/88 | Armbruster | 166 | 280 | 01/28/88 |
| | 4,788,236 | 11/29/88 | Kopf | 524 | 55 | 10/04/84 |
| | 4,797,183 | 01/10/89 | Yamamoto et al. | 204 | 16 | 10/09/87 |
| | 4,797,456 | 01/10/89 | Wessling et al. | 525 | 531 | 12/09/82 |
| | 4,814,257 | 03/21/89 | Galloway | 430 | 278 | 04/09/87 |
| | 4,816,300 | 03/28/89 | Kooijmans et al. | 427 | 386 | 01/15/88 |
| | 4,820,621 | 04/11/89 | Tanka et al. | 430 | 331 | 06/26/87 |
| | 4,822,722 | 04/18/89 | Lewis et al. | 430 | 326 | 11/06/87 |
| | 4,822,767 | 04/18/89 | Okada et al. | 503 | 213 | 07/21/87 |

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /TY/

| | | | | | | |
|--|-----------|----------|--------------------|-----|------|----------|
| | 4,833,067 | 05/23/89 | Tanaka et al. | 430 | 331 | 09/19/88 |
| | 4,840,979 | 06/20/89 | Van Iperen et al. | 523 | 404 | 06/10/88 |
| | 4,855,333 | 08/08/89 | Rudik et al. | 522 | 71 | 04/06/87 |
| | 4,857,566 | 08/15/89 | Helbling | 523 | 409 | 12/28/87 |
| | 4,880,882 | 11/14/89 | Morita et al. | 525 | 446 | 08/19/88 |
| | 4,885,319 | 12/05/89 | Dougherty et al. | 522 | 31 | 12/12/88 |
| | 4,885,355 | 12/05/89 | Wessling et al. | 528 | 99 | 08/26/88 |
| | 4,917,923 | 04/17/90 | Yoshida et al. | 428 | 34.1 | 06/22/88 |
| | 4,920,040 | 04/24/90 | Ono | 430 | 363 | 12/01/88 |
| | 4,929,536 | 05/29/90 | Spak et al. | 430 | 325 | 11/08/88 |
| | 4,933,379 | 06/12/90 | Scholten et al. | 523 | 404 | 09/15/88 |
| | 4,933,421 | 06/12/90 | Morehead | 528 | 91 | 03/30/89 |
| | 4,937,275 | 06/26/90 | Kooijmans et al. | 523 | 404 | 06/13/89 |
| | 4,946,733 | 08/07/90 | Seeger, Jr. et al. | 428 | 209 | 07/21/88 |
| | 4,950,433 | 08/21/90 | Chiu | 264 | 13 | 07/26/89 |
| | 4,962,165 | 10/9/90 | Bortnick et al. | 525 | 479 | 01/12/89 |
| | 4,968,584 | 11/06/90 | Nagashima et al. | 430 | 309 | 03/28/89 |
| | 4,976,813 | 12/11/90 | Salensky et al. | 156 | 230 | 04/27/89 |
| | 4,981,882 | 01/01/91 | Smith et al. | 523 | 205 | 03/31/89 |
| | 4,985,344 | 01/15/91 | Uchino et al. | 430 | 325 | 10/13/89 |
| | 5,006,575 | 04/09/91 | Chan | 523 | 458 | 04/26/90 |
| | 5,009,981 | 04/23/91 | Matsubara et al. | 430 | 175 | 09/20/90 |
| | 5,019,618 | 05/28/91 | Chiu | 524 | 405 | 06/04/90 |
| | 5,024,922 | 06/18/91 | Moss et al. | 430 | 330 | 11/07/88 |
| | 5,045,141 | 09/03/91 | Salensky et al. | 156 | 240 | 07/01/88 |
| | 5,047,275 | 09/10/91 | Chiu | 428 | 106 | 01/16/91 |
| | 5,055,374 | 10/08/91 | Seio et al. | 430 | 190 | 08/02/89 |
| | 5,066,684 | 11/19/91 | LeMay | 521 | 64 | 06/08/90 |
| | 5,079,326 | 01/07/92 | Suzuki et al. | 528 | 53 | 07/26/88 |

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /TY/

| | | | | | | | |
|--|----|-----------|----------|------------------------|-----|-----|----------|
| | | 5,082,891 | 01/21/92 | Morita et al. | 524 | 481 | 12/13/89 |
| | | 5,089,542 | 02/18/92 | Nishida et al. | 523 | 410 | 04/05/90 |
| | | 5,089,547 | 02/18/92 | McCabe et al. | 524 | 262 | 08/06/90 |
| | | 5,102,856 | 04/07/92 | Doll et al. | 503 | 209 | 11/07/90 |
| | | 5,106,724 | 04/21/92 | Nogami et al. | 430 | 331 | 06/01/90 |
| | | 5,110,710 | 05/05/92 | Tomita et al. | 430 | 278 | 05/15/91 |
| | | 5,114,816 | 05/19/92 | Scheler et al. | 430 | 192 | 11/03/99 |
| | | 5,116,883 | 05/26/92 | LeMay | 521 | 178 | 05/17/91 |
| | | 5,128,230 | 07/07/92 | Templeton et al. | 430 | 191 | 01/23/91 |
| | | 5,138,424 | 08/11/92 | Moss et al. | 357 | 52 | 10/31/90 |
| | | 5,147,906 | 09/15/92 | Nishida et al. | 523 | 410 | 07/25/91 |
| | | 5,149,614 | 09/22/92 | Akiyama et al. | 430 | 302 | 05/09/89 |
| | | 5,158,995 | 10/27/92 | Nishida et al. | 523 | 410 | 07/25/91 |
| | | 5,166,036 | 11/24/92 | Seio et al. | 430 | 313 | 07/09/91 |
| | | 5,166,038 | 11/24/92 | Clodgo et al. | 430 | 325 | 07/27/89 |
| | | 5,171,722 | 12/15/92 | Tereki et al. | 501 | 88 | 10/09/91 |
| | ** | 5,180,689 | 01/19/93 | Liu | 437 | 228 | 09/10/91 |
| | | 5,188,767 | 02/23/93 | Yamazaki et al. | 252 | 512 | 04/17/91 |
| | | 5,188,924 | 02/23/93 | Ikari, deceased et al. | 430 | 312 | 10/16/91 |
| | | 5,198,474 | 03/30/93 | Kilgour | 521 | 112 | 06/30/92 |
| | | 5,204,217 | 04/20/93 | Aoai et al. | 430 | 270 | 01/16/91 |
| | | 5,204,385 | 04/20/93 | Naderhoff | 523 | 417 | 11/27/90 |
| | | 5,206,349 | 04/27/93 | Iida et al. | 534 | 561 | 08/05/91 |
| | | 5,207,954 | 05/04/93 | Lewis et al. | 264 | 13 | 06/22/92 |
| | | 5,215,147 | 06/01/93 | Grego et al. | 166 | 270 | 12/19/91 |
| | | 5,225,309 | 07/06/93 | Suzuki et al. | 430 | 158 | 03/19/92 |
| | | 5,236,472 | 08/17/93 | Kirk et al. | 51 | 298 | 02/22/91 |
| | | 5,236,784 | 08/17/93 | Kobayashi et al. | 428 | 408 | 05/01/92 |
| | | 5,238,771 | 08/24/93 | Goto et al. | 430 | 165 | 10/19/92 |

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /TY/

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|--|-----------|----------|------------------|-----|-----|----------|
| | 5,252,375 | 10/12/93 | Turbak et al. | 428 | 96 | 02/27/91 |
| | 5,256,522 | 10/26/93 | Spak et al. | 430 | 325 | 12/30/91 |
| | 5,260,161 | 11/09/93 | Matsumura et al. | 430 | 161 | 07/31/92 |
| | 5,260,357 | 11/09/93 | Sachdeva | 523 | 414 | 04/30/92 |
| | 5,262,449 | 11/16/93 | Narayanan et al. | 522 | 31 | 08/28/92 |
| | 5,266,611 | 11/30/93 | Teschendorf | 523 | 416 | 07/21/92 |
| | 5,269,890 | 12/14/93 | Marchywka | 204 | 146 | 12/31/92 |
| | 5,279,918 | 01/18/94 | Nishi et al. | 430 | 190 | 04/30/91 |
| | 5,279,922 | 01/18/94 | Adachi et al. | 430 | 270 | 03/04/92 |
| | 5,284,912 | 02/08/94 | Sato et al. | 525 | 65 | 04/01/93 |
| | 5,294,511 | 03/15/94 | Aoi et al. | 430 | 270 | 12/29/92 |
| | 5,312,654 | 05/17/94 | Arimatsu et al. | 427 | 511 | 09/17/92 |
| | 5,316,850 | 05/31/94 | Sargent et al. | 428 | 378 | 04/12/91 |
| | 5,320,931 | 06/14/94 | Umehara et al. | 430 | 270 | 07/17/91 |
| | 5,321,101 | 06/14/94 | Suzuki et al. | 525 | 452 | 08/30/91 |
| | 5,326,665 | 07/05/94 | Osaki et al. | 430 | 192 | 03/01/93 |
| | 5,330,883 | 07/19/94 | Garza | 430 | 513 | 06/29/92 |
| | 5,336,925 | 08/09/94 | Moss et al. | 257 | 643 | 01/29/92 |
| | 5,340,888 | 08/23/94 | Lemon et al. | 525 | 501 | 03/08/93 |
| | 5,344,856 | 09/06/94 | Klein | 523 | 403 | 05/17/93 |
| | 5,364,731 | 11/15/94 | Shimizu et al. | 430 | 143 | 10/25/93 |
| | 5,364,925 | 11/15/94 | Kohno et al. | 528 | 104 | 08/13/93 |
| | 5,370,965 | 12/06/94 | Kondo et al. | 430 | 176 | 12/09/92 |
| | 5,378,740 | 01/03/95 | Ng | 523 | 414 | 04/30/92 |
| | 5,391,465 | 02/21/95 | Feely | 430 | 325 | 04/19/90 |
| | 5,393,637 | 02/28/95 | Kanda et al. | 430 | 138 | 02/28/92 |
| | 5,395,729 | 03/07/95 | Reardon et al. | 430 | 200 | 04/30/93 |
| | 5,401,606 | 03/28/95 | Reardon et al. | 430 | 200 | 04/30/95 |
| | 5,403,695 | 04/04/95 | Hayase et al. | 430 | 192 | 04/30/92 |

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /TY/

| | | | | | | | |
|--|----|-----------|----------|--------------------|-----|-------|----------|
| | | 5,405,701 | 04/11/95 | Fujibayashi et al. | 428 | 418 | 04/15/93 |
| | | 5,405,931 | 04/11/95 | Kohno et al. | 528 | 102 | 08/13/93 |
| | ** | 5,413,894 | 05/09/95 | Sizensky et al. | 430 | 165 | 05/07/93 |
| | | 5,418,271 | 05/23/95 | Burba, III et al. | 524 | 436 | 10/11/91 |
| | | 5,420,218 | 05/30/95 | Toribuchi et al. | 526 | 214 | 06/15/93 |
| | | 5,424,167 | 06/13/95 | Uetani et al. | 430 | 191 | 02/25/93 |
| | | 5,429,904 | 07/04/95 | Nagase et al. | 430 | 192 | 05/27/93 |
| | | 5,431,777 | 07/04/95 | Austin et al. | 156 | 622.1 | 09/17/92 |
| | | 5,444,098 | 08/22/95 | Wallaeys et al. | 521 | 95 | 01/14/94 |
| | | 5,444,098 | 09/12/95 | Banba et al. | 430 | 192 | 03/18/94 |
| | | 5,464,913 | 11/07/95 | Nishida et al. | 525 | 524 | 02/15/95 |
| | | 5,474,666 | 12/12/95 | Seio et al. | 204 | 180.2 | 11/24/93 |
| | | 5,480,603 | 01/02/96 | Lopez et al. | 264 | 131 | 05/19/94 |
| | | 5,492,945 | 02/20/96 | Morita et al. | 523 | 212 | 09/28/94 |
| | | 5,508,328 | 04/16/96 | Olson | 523 | 445 | 11/17/94 |
| | | 5,523,363 | 06/04/96 | Fujibayashi et al. | 525 | 481 | 01/28/93 |
| | | 5,525,681 | 06/11/96 | Barron et al. | 525 | 403 | 04/13/95 |
| | | 5,527,649 | 06/18/96 | Sato et al. | 430 | 7 | 05/26/94 |
| | | 5,527,839 | 06/18/96 | Walker | 523 | 404 | 12/13/94 |
| | | 5,534,356 | 07/09/96 | Mahulikar et al. | 428 | 615 | 04/26/95 |
| | | 5,549,719 | 08/27/96 | Lee et al. | 51 | 298 | 08/16/95 |
| | | 5,556,732 | 09/17/96 | Chow | 430 | 137 | 05/30/95 |
| | | 5,556,735 | 09/17/96 | Ivory et al. | 430 | 315 | 11/30/94 |
| | | 5,565,060 | 10/15/96 | Austin et al. | 156 | 662.1 | 06/06/95 |
| | | 5,580,702 | 12/03/96 | Hayase et al. | 430 | 326 | 12/13/94 |
| | | 5,589,315 | 12/31/96 | Iida et al. | 430 | 163 | 01/06/95 |
| | | 5,591,654 | 01/07/97 | Kishimura | 437 | 26 | 10/13/94 |
| | | 5,593,913 | 01/14/97 | Aoki | 437 | 53 | 05/24/95 |
| | ** | 5,601,961 | 02/11/97 | Nakayama et al. | 430 | 192 | 03/29/95 |

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /TY/

| | | | | | | | |
|--|----|-----------|----------|-------------------|-----|-------|----------|
| | | 5,605,944 | 02/25/97 | Heebner | 523 | 404 | 04/27/95 |
| | | 5,621,019 | 04/15/97 | Nakano et al. | 522 | 49 | 01/31/95 |
| | | 5,624,978 | 04/29/97 | Soltwedel et al. | 523 | 402 | 10/28/94 |
| | | 5,639,579 | 06/17/97 | Hayashi et al. | 430 | 7 | 06/07/95 |
| | | 5,661,101 | 08/26/97 | Washizu et al. | 503 | 226 | 06/06/96 |
| | | 5,665,518 | 09/09/97 | Maeda et al. | 430 | 270.1 | 01/19/96 |
| | ** | 5,670,571 | 09/23/97 | Gabrielson et al. | 524 | 604 | 11/03/95 |
| | | 5,691,098 | 10/28/97 | Sanders, Jr. | 51 | 295 | 01/11/96 |
| | | 5,688,606 | 11/18/97 | Mahulika et al. | 428 | 615 | 04/18/96 |
| | | 5,691,098 | 10/28/97 | Busman et al. | 430 | 158 | 04/03/96 |
| | | 5,691,111 | 11/25/97 | Iwasa et al. | 430 | 270.1 | 07/13/95 |
| | | 5,691,401 | 11/25/97 | Morita et al. | 523 | 435 | 05/18/97 |
| | | 5,691,548 | 11/25/97 | Akio | 257 | 232 | 04/30/96 |
| | | 5,693,684 | 12/02/97 | Rader | 521 | 78 | 03/15/96 |
| | | 5,695,907 | 12/09/97 | Chang | 430 | 201 | 03/14/96 |
| | | 5,698,269 | 12/16/97 | Carlbom et al. | 427 | 475 | 12/20/95 |
| | | 5,698,369 | 12/16/97 | Kawamura et al. | 430 | 281.1 | 06/07/95 |
| | | 5,705,308 | 01/06/98 | West et al. | 430 | 165 | 09/30/96 |
| | | 5,705,309 | 01/06/98 | West et al. | 430 | 167 | 09/24/96 |
| | | 5,705,322 | 01/06/98 | West et al. | 430 | 325 | 09/30/96 |
| | | 5,718,992 | 02/17/98 | Sato et al. | 430 | 7 | 11/06/96 |
| | | 5,731,123 | 03/24/98 | Kawamura et al. | 430 | 176 | 01/31/97 |
| | | 5,731,128 | 03/24/98 | Kanda et al. | 430 | 281.1 | 11/29/95 |
| | | 5,736,619 | 04/07/98 | Kane et al. | 525 | 393 | 04/21/95 |
| | | 5,738,975 | 04/14/98 | Nakano et al. | 430 | 280.1 | 12/27/94 |
| | | 5,747,217 | 05/05/98 | Zaklika et al. | 430 | 158 | 04/03/96 |
| | | 5,750,291 | 05/12/98 | Ivory et al. | 430 | 11 | 06/13/96 |
| | | 5,755,910 | 05/26/98 | Masuda et al. | 156 | 235 | 04/03/96 |
| | ** | 5,756,256 | 05/26/98 | Nakato et al. | 430 | 272.1 | 01/16/97 |

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /TY/

| | | | | | | | |
|--|----|-----------|----------|---------------------|-----|-------|----------|
| | | 5,756,689 | 05/26/98 | Busman et al. | 534 | 560 | 05/19/97 |
| | | 5,756,850 | 05/26/98 | Iwasa et al. | 568 | 75 | 07/10/97 |
| | | 5,757,313 | 05/26/98 | Meneghini et al. | 347 | 262 | 12/06/95 |
| | | 5,770,346 | 06/23/98 | Iwasa et al. | 430 | 270.1 | 12/10/96 |
| | | 5,782,300 | 07/21/98 | James et al. | 166 | 278 | 11/13/96 |
| | | 5,789,506 | 08/04/98 | Toribuchi et al. | 526 | 214 | 10/28/96 |
| | | 5,811,221 | 09/22/98 | Miller et al. | 430 | 302 | 05/30/97 |
| | | 5,821,277 | 10/13/98 | Hirayama et al. | 522 | 50 | 11/01/96 |
| | | 5,824,451 | 09/22/98 | Aoi et al. | 430 | 270.1 | 07/03/95 |
| | | 5,830,274 | 11/03/98 | Jones et al. | 118 | 620 | 12/20/95 |
| | | 5,837,374 | 11/17/98 | Hirayama et al. | 428 | 408 | 04/14/96 |
| | | 5,851,735 | 12/22/98 | Miller et al. | 430 | 322 | 07/31/97 |
| | | 5,853,894 | 12/29/98 | Brown | 428 | 422 | 02/03/97 |
| | ** | 5,853,954 | 12/29/98 | Rahman et al. | 430 | 270.1 | 12/18/96 |
| | | 5,856,382 | 01/05/99 | Ohrbom et al. | 523 | 414 | 10/03/96 |
| | ** | 5,858,547 | 01/12/99 | Drage | 428 | 451 | 07/06/94 |
| | | 5,858,604 | 01/12/99 | Takeda et al. | 430 | 162 | 01/16/96 |
| | | 5,866,237 | 02/02/99 | Angelopoulos et al. | 428 | 209 | 08/23/96 |
| | | 5,866,304 | 02/02/99 | Nakano et al. | 430 | 325 | 07/17/97 |
| | | 5,871,846 | 02/16/99 | Freeman et al. | 428 | 405 | 03/28/97 |
| | | 5,872,168 | 02/16/99 | Katoot | 524 | 354 | 11/20/96 |
| | ** | 5,877,240 | 03/02/99 | Piret et al. | 523 | 415 | 09/26/97 |
| | | 5,879,600 | 03/09/99 | Symons | 264 | 110 | 07/28/97 |
| | | 5,883,164 | 03/16/99 | Katoot | 524 | 104 | 07/03/96 |
| | | 5,886,092 | 03/23/99 | Shaw et al. | 524 | 611 | 06/06/97 |
| | | 5,886,102 | 03/23/99 | Sinta et al. | 525 | 154 | 06/11/96 |
| | | 5,888,283 | 03/30/99 | Mehta et al. | 106 | 31.16 | 11/05/96 |
| | | 5,910,358 | 06/08/99 | Thoen et al. | 428 | 316.6 | 11/06/96 |
| | | 5,910,559 | | Rahman | | | |

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /TY/

| | | | | | | | |
|--|----|-----------|----------|---------------------|-----|-------|----------|
| | | 5,919,601 | 07/06/99 | Nguyen et al. | 430 | 278.1 | 11/12/96 |
| | | 5,935,652 | 08/10/99 | Angelopoulos et al. | 427 | 316 | 03/23/98 |
| | ** | 5,939,236 | 08/17/99 | Pavelchek et al. | 430 | 273.1 | 02/07/97 |
| | | 5,945,493 | 08/31/99 | Pechhold et al. | 526 | 243 | 06/19/98 |
| | | 5,948,591 | 09/07/99 | Vermeersch et al. | 430 | 270.1 | 05/06/98 |
| | | 5,955,413 | 09/21/99 | Campagna et al. | 510 | 278 | 10/24/97 |
| | | 5,958,655 | 09/28/99 | Miller et al. | 430 | 331 | 07/08/98 |
| | | 5,965,320 | 10/12/99 | Torimitsu et al. | 430 | 192 | 09/07/93 |
| | | 5,981,144 | 11/09/99 | Damme et al. | 430 | 271.1 | 03/27/97 |
| | | 5,985,522 | 11/16/99 | Iwasa et al. | 430 | 315 | 10/08/97 |
| | | 5,990,189 | 11/23/99 | Hall et al. | 522 | 79 | 04/04/96 |
| | | 5,993,945 | 11/30/99 | Russell et al. | 428 | 209 | 05/08/97 |
| | | 5,994,025 | 11/30/99 | Iwasa et al. | 430 | 270.1 | 12/10/96 |
| | | 5,997,997 | 12/07/99 | Angelopoulos et al. | 428 | 209 | 06/13/97 |
| | | 6,004,728 | 12/21/99 | Deroover et al. | 430 | 302 | 09/30/98 |
| | ** | 6,005,026 | 12/21/99 | Piret et al. | 523 | 206 | 03/15/99 |
| | | 6,010,956 | 01/04/00 | Takiguchi et al. | 438 | 623 | 02/27/97 |
| | | 6,013,411 | 01/11/00 | Aoi et al. | 430 | 270.1 | 02/05/97 |
| | | 6,013,699 | 01/11/00 | Freeman et al. | 523 | 212 | 11/04/98 |
| | | 6,016,870 | 01/25/00 | Dewprashad et al. | 166 | 295 | 06/11/98 |
| | | 6,022,670 | 02/08/00 | Russell et al. | 430 | 315 | 03/26/98 |
| | | 6,025,057 | 02/15/00 | Angelopoulos et al. | 428 | 209 | 12/17/97 |
| | | 6,025,059 | 02/15/00 | McGee et al. | 428 | 219 | 02/18/98 |
| | ** | 6,027,853 | 02/22/00 | Malik et al. | 430 | 270.1 | 01/16/98 |
| | ** | 6,033,830 | 03/07/00 | Sinta et al. | 430 | 325 | 11/07/97 |
| | | 6,037,968 | 03/14/00 | Emge et al. | 347 | 260 | 12/06/95 |
| | | 6,045,963 | 04/04/00 | Huang et al. | 430 | 166 | 03/17/98 |
| | | 6,060,207 | 05/09/00 | Shida et al. | 430 | 176 | 04/10/95 |
| | | 6,060,217 | 05/09/00 | Nguyen et al. | 430 | 302 | 09/02/97 |

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /TY/

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|--|----|-----------|----------|---------------------|-----|-------|----------|
| | | 6,060,218 | 05/09/00 | Van Damme et al. | 430 | 302 | 09/30/98 |
| | | 6,060,222 | 05/09/00 | West et al. | 430 | 326 | 11/19/96 |
| | | 6,063,544 | 05/16/00 | Sheriff et al. | 430 | 271.1 | 03/21/97 |
| | | 6,066,889 | 05/23/00 | Jones et al. | 257 | 698 | 09/22/98 |
| | | 6,068,963 | 05/30/00 | Aoshima | 430 | 270.1 | 01/16/98 |
| | | 6,083,658 | 07/04/00 | Kunita et al. | 430 | 270.1 | 04/20/98 |
| | | 6,083,662 | 07/04/00 | Miller et al. | 430 | 302 | 08/03/97 |
| | | 6,083,663 | 07/04/00 | Vermeersch et al. | 430 | 302 | 09/28/98 |
| | | 6,090,905 | 07/18/00 | Juzukonis et al. | 528 | 114 | 02/12/99 |
| | | 6,117,610 | 09/12/00 | Sheriff et al. | 430 | 190 | 08/08/97 |
| | ** | 6,120,716 | 09/19/00 | Kushida et al. | 264 | 117 | 03/10/99 |
| | | 6,136,513 | 10/24/00 | Angelopoulos et al. | 430 | 315 | 04/23/98 |
| | | 6,138,568 | 10/31/00 | McCullough et al. | 101 | 465 | 08/03/99 |
| | | 6,143,464 | 11/07/00 | Kawauchi | 430 | 270.1 | 07/27/98 |
| | | 6,143,472 | 11/07/00 | Sumino et al. | 430 | 283.1 | 11/18/98 |
| | | 6,143,479 | 11/07/00 | Fiebag et al. | 430 | 331 | 11/24/99 |
| | | 6,146,556 | 11/14/00 | Katoot | 252 | 609 | 04/29/98 |
| | | 6,152,036 | 11/28/00 | Verschueren et al. | 101 | 457 | 03/29/99 |
| | ** | 6,153,353 | 11/28/00 | Van Damme et al. | 430 | 270.1 | 03/10/99 |
| | | 6,156,389 | 12/05/00 | Brown et al. | 427 | 393.4 | 12/28/98 |
| | | 6,160,068 | 12/12/00 | Sumino | 526 | 281 | 11/18/98 |
| | | 6,165,689 | 12/26/00 | Vermeersch et al. | 430 | 302 | 09/28/98 |
| | | 6,165,690 | 12/26/00 | Yoshida et al. | 430 | 302 | 12/09/99 |
| | | 6,171,774 | 01/09/01 | Hiyama et al. | 430 | 551 | 11/09/98 |
| | ** | 6,175,087 | 01/16/01 | Kessler et al. | 174 | 261 | 12/02/98 |
| | | 6,177,230 | 01/23/01 | Kawamura | 430 | 270.1 | 04/12/99 |
| | ** | 6,180,696 | 01/30/01 | Wong et al. | 523 | 457 | 02/18/98 |
| | ** | 6,187,380 | 02/13/01 | Hallman et al. | 427 | 261 | 12/22/97 |
| | | 6,192,799 | 02/27/01 | Damme et al. | 101 | 457 | 03/15/99 |

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /TY/

| | | | | | | | |
|--|----|-----------|----------|-------------------|-----|--------|----------|
| | | 6,195,264 | 02/27/01 | Lauffer et al. | 361 | 762 | 11/18/98 |
| | | 6,197,105 | 03/06/01 | Freeman et al. | 106 | 487 | 12/20/99 |
| | | 6,197,378 | 03/06/01 | Clark et al. | 427 | 315 | 04/30/98 |
| | | 6,197,473 | 03/06/01 | Kihara et al. | 430 | 192 | 09/17/98 |
| | | 6,201,194 | 03/13/01 | Lauffer.et al. | 174 | 264 | 12/02/98 |
| | | 6,204,453 | 03/20/01 | Fallon et al. | 174 | 255 | 12/02/98 |
| | | 6,204,456 | 03/20/01 | Lauffer et al. | 174 | 262 | 09/24/98 |
| | | 6,214,923 | 04/10/01 | Goto et al. | 524 | 514 | 07/16/99 |
| | | 6,218,075 | 04/17/01 | Kimura et al. | 430 | 276.1 | 08/25/98 |
| | ** | 6,221,989 | 04/24/01 | Furihata et al. | 526 | 261 | 05/13/99 |
| | | 6,225,376 | 05/01/01 | Klein et al. | 523 | 404 | 11/20/98 |
| | | 6,228,465 | 05/08/01 | Takiguchi et al. | 428 | 209 | 03/22/99 |
| | ** | 6,232,031 | 05/15/01 | Gracia et al. | 430 | 165 | 03/30/00 |
| | | 6,234,251 | 05/22/01 | Chatterji et al. | 166 | 295 | 02/22/99 |
| | | 6,235,451 | 05/22/01 | Damme et al. | 430 | 302 | 09/28/98 |
| | | 6,238,792 | 05/29/01 | Pechhold et al. | 428 | 394 | 06/21/99 |
| | | 6,238,843 | 05/29/01 | Ray et al. | 430 | 302 | 02/25/99 |
| | ** | 6,242,151 | 06/05/01 | Furihata et al. | 430 | 190 | 08/11/99 |
| | | 6,244,344 | 06/12/01 | Chatterji et al. | 166 | 295 | 02/09/99 |
| | | 6,245,116 | 06/12/01 | Pechhold et al. | 8 | 115.64 | 05/06/99 |
| | | 6,245,835 | 06/12/01 | Klein et al. | 523 | 402 | 11/20/98 |
| | | 6,248,499 | 06/19/01 | Maeda et al. | 430 | 270.1 | 04/10/98 |
| | | 6,251,563 | 06/26/01 | Van Damme et al. | 430 | 302 | 09/30/98 |
| | | 6,255,042 | 07/03/01 | Fiebag et al. | 430 | 331 | 11/24/99 |
| | | 6,258,510 | 07/10/01 | Maemoto | 430 | 278.1 | 05/20/99 |
| | ** | 6,258,514 | 07/10/ | Montgomery et al. | | | |
| | | 6,261,740 | 07/17/01 | Nguyen et al. | 430 | 271.1 | 02/04/99 |
| | | 6,261,743 | 07/17/01 | Pavelchek et al. | 430 | 325 | 04/10/98 |
| | | 6,261,745 | 07/17/01 | Tanabe et al. | 430 | 331 | 06/02/99 |

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /TY/

| | | | | | | | |
|--|----|-----------|----------|--------------------|-----|-------|----------|
| | | 6,271,181 | 08/07/01 | Chatterji et al. | 507 | 219 | 02/04/99 |
| | | 6,274,287 | 08/14/01 | Moriama et al. | 430 | 270.1 | 06/22/00 |
| | ** | 6,274,291 | 08/14/01 | Bhatt et al. | 430 | 312 | 11/18/98 |
| | | 6,280,900 | 08/28/01 | Chiba et al. | 430 | 270.1 | 04/26/00 |
| | | 6,284,440 | 09/04/01 | Hirano et al. | 430 | 331 | 09/01/00 |
| | | 6,303,078 | 10/16/01 | Shimizu et al. | 422 | 8 | 09/02/99 |
| | | 6,316,144 | 11/13/01 | Xue et al. | 429 | 231.4 | 12/14/95 |
| | ** | 6,319,853 | 11/20/01 | Ishibashi et al. | 438 | 780 | 08/09/99 |
| | ** | 6,326,123 | 12/04/01 | West et al. | 430 | 270.1 | 08/09/99 |
| | | 6,328,106 | 12/04/01 | Griffith et al. | 166 | 295 | 11/02/00 |
| | | 6,330,917 | 12/18/01 | Chatterji et al. | 166 | 295 | 01/23/01 |
| | | 6,331,583 | 12/18/01 | Walker | 523 | 404 | 04/04/00 |
| | | 6,331,602 | 12/18/01 | Sumino | 526 | 281 | 09/06/00 |
| | | 6,340,815 | 01/22/02 | Verschueren et al. | 250 | 318 | 03/15/99 |
| | | 6,342,336 | 01/29/02 | Verschueren et al. | 430 | 271.1 | 03/05/99 |
| | | 6,342,562 | 01/29/02 | Kozawa et al. | 524 | 588 | 04/20/00 |
| | | 6,346,353 | 02/12/02 | Wang et al. | 430 | 14 | 10/30/00 |
| | | 6,350,309 | 02/26/02 | Chatterji et al. | 106 | 677 | 02/13/01 |
| | | 6,352,811 | 03/05/02 | Patel et al. | 430 | 270.1 | 12/22/99 |
| | | 6,355,396 | 03/12/02 | Nakamura | 430 | 281.1 | 03/23/00 |
| | | 6,358,660 | 03/19/02 | Agler et al. | 430 | 126 | 04/21/00 |
| | ** | 6,361,923 | 03/26/02 | Kresge et al. | 430 | 280.1 | 08/17/99 |
| | | 6,364,544 | 04/02/02 | Sasayama et al. | 396 | 578 | 01/31/01 |
| | | 6,376,158 | 04/23/02 | Jones et al. | 430 | 315 | 01/18/00 |
| | | 6,376,160 | 04/23/02 | Wang et al. | 430 | 350 | 10/30/00 |
| | | 6,383,652 | 05/07/02 | Templeton | 428 | 507 | 03/29/99 |
| | | 6,383,714 | 05/07/02 | Nakamura et al. | 430 | 270.1 | 05/30/00 |
| | | 6,388,204 | 05/14/02 | Lauffer et al. | 174 | 261 | 08/29/00 |
| | | 6,391,517 | 05/21/02 | Verschueren et al. | 430 | 270.1 | 03/02/99 |

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /TY/

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|--|----|-----------|----------|---------------------|-----|-------|----------|
| | | 6,391,529 | 05/21/02 | Maeda et al. | 430 | 326 | 05/20/01 |
| | | 6,391,530 | 05/21/02 | Timpe et al. | 430 | 450 | 11/03/00 |
| | | 6,399,270 | 06/04/02 | Mori et al. | 430 | 270.1 | 12/01/99 |
| | | 6,401,817 | 06/11/02 | Griffith et al. | 166 | 295 | 08/30/01 |
| | | 6,406,789 | 06/18/02 | McDaniel et al. | 428 | 402 | 05/22/00 |
| | ** | 6,407,006 | 06/18/02 | Levert et al. | 438 | 761 | 04/14/00 |
| | | 6,413,700 | 07/02/02 | Hallman et al. | 430 | 302 | 11/09/00 |
| | | 6,423,461 | 07/23/02 | Ohnishi | 430 | 30 | 02/05/01 |
| | | 6,423,462 | 07/23/02 | Kunita | 430 | 156 | 07/27/00 |
| | | 6,432,608 | 08/13/02 | Fujie et al. | 430 | 270.1 | 06/09/00 |
| | | 6,436,596 | 08/20/02 | Aono et al. | 430 | 30 | 10/16/00 |
| | | 6,436,617 | 08/20/02 | Wang et al. | 430 | 350 | 10/30/00 |
| | ** | 6,437,058 | 08/20/02 | Furihata et al. | 525 | 502 | 02/07/01 |
| | | 6,440,633 | 08/27/02 | Kawauchi | 430 | 270.1 | 10/05/99 |
| | | 6,441,122 | 08/27/02 | DeMott et al. | 528 | 137 | 01/05/98 |
| | | 6,444,393 | 09/03/02 | Nakamura et al. | 430 | 270.1 | 03/23/99 |
| | | 6,447,914 | 09/10/02 | Angelopoulos et al. | 428 | 414 | 07/03/00 |
| | | 6,447,919 | 09/10/02 | Brown et al. | 428 | 422 | 06/14/00 |
| | | 6,447,977 | 09/10/02 | Vermeersch et al. | 430 | 270.1 | 03/02/99 |
| | | 6,448,206 | 09/10/02 | Griffith et al. | 507 | 219 | 08/30/01 |
| | | 6,451,153 | 09/17/02 | Symons | 156 | 276 | 07/16/97 |
| | ** | 6,451,496 | 09/17/02 | Ueda et al. | 430 | 190 | 02/15/01 |
| | | 6,451,509 | 09/17/02 | Keesler et al. | 430 | 311 | 01/02/01 |
| | | 6,455,229 | 09/24/02 | Vermeersch et al. | 430 | 302 | 01/03/00 |
| | | 6,455,476 | 09/24/02 | Imai et al. | 508 | 156 | 12/07/00 |
| | | 6,458,510 | 10/01/02 | Vermeersch et al. | 430 | 302 | 01/03/00 |
| | | 6,472,119 | 10/29/02 | Vermeersch et al. | 430 | 270.1 | 01/03/00 |
| | | 6,476,174 | 11/05/02 | Lee et al. | 528 | 29 | 06/15/01 |
| | | 6,476,240 | 11/05/02 | Sumino | 549 | 369 | 10/16/01 |

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /TY/

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|--|----|-----------|----------|-------------------|-----|-------|----------|
| | | 6,479,093 | 11/12/02 | Lauffer et al. | 427 | 96 | 01/31/02 |
| | | 6,479,216 | 11/12/02 | Vermeersch et al. | 430 | 302 | 09/11/00 |
| | | 6,489,079 | 12/03/02 | Vermeersch et al. | 430 | 270.1 | 09/08/99 |
| | | 6,492,089 | 12/10/02 | Hatakeyama et al. | 430 | 270.1 | 12/01/00 |
| | ** | 6,492,432 | 12/10/02 | Rader | 521 | 135 | 11/09/99 |
| | | 6,495,624 | 12/17/02 | Brown | 524 | 462 | 03/30/01 |
| | | 6,503,694 | 01/07/03 | Li et al. | 430 | 331 | 06/12/01 |
| | | 6,503,870 | 01/07/03 | Griffith et al. | 507 | 219 | 08/30/01 |
| | ** | 6,506,441 | 01/14/03 | Hacker et al. | 427 | 96 | 12/12/00 |
| | | 6,506,533 | 01/14/03 | Kottmair et al. | 430 | 190 | 06/07/00 |
| | ** | 6,506,831 | 01/14/03 | Hacker et al. | 524 | 509 | 12/02/98 |
| | | 6,511,782 | 01/28/03 | Vermeersch et al. | 430 | 270.1 | 01/22/99 |
| | | 6,511,790 | 01/28/03 | Takamiya | 430 | 302 | 08/23/01 |
| | ** | 6,517,951 | 02/11/03 | Hacker et al. | 428 | 524 | 12/12/00 |
| | | 6,519,843 | 02/18/03 | Lauffer et al. | 29 | 840 | 01/30/01 |
| | | 6,524,777 | 02/25/03 | Whitesides et al. | 430 | 371 | 08/30/01 |
| | | 6,525,115 | 02/25/03 | Wang et al. | 523 | 466 | 12/05/00 |
| | | 6,528,157 | 03/04/03 | Hussain et al. | 428 | 325 | 05/02/96 |
| | ** | 6,528,218 | 03/04/03 | Foster et al. | 430 | 14 | 03/14/01 |
| | | 6,534,459 | 03/18/03 | Yata et al. | 510 | 176 | 08/09/00 |
| | | 6,537,725 | 03/25/03 | Kunita et al. | 430 | 270.1 | 12/05/00 |
| | | 6,541,077 | 04/01/03 | Kozawa et al. | 427 | 503 | 05/09/01 |
| | | 6,548,155 | 04/15/03 | Jaffee | 428 | 297.4 | 07/19/00 |
| | | 6,548,166 | 04/15/03 | Figuly et al. | 428 | 370 | 09/28/01 |
| | | 6,555,507 | 04/29/03 | Chatterji et al. | 507 | 219 | 05/07/01 |
| | ** | 6,558,867 | 05/06/03 | Noda et al. | 430 | 191 | 02/22/01 |
| | | 6,559,337 | 05/06/03 | Maeda et al. | 560 | 205 | 03/20/01 |
| | | 6,562,550 | 05/13/03 | Takahata et al. | 430 | 320 | 04/12/01 |
| | | 6,569,594 | 05/27/03 | Damme et al. | 430 | 270.1 | 03/15/99 |

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /TY/

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|--|----|-----------|----------|-----------------------|-----|-------|----------|
| | | 6,569,609 | 05/27/03 | Timpe et al. | 430 | 399 | 02/14/02 |
| | ** | 6,579,657 | 06/17/03 | Ishibashi et al. | 430 | 270.1 | 03/27/98 |
| | | 6,582,819 | 06/24/03 | McDaniel et al. | 428 | 402 | 02/01/01 |
| | | 6,586,483 | 07/01/03 | Kolb et al. | 521 | 91 | 01/08/01 |
| | | 6,590,010 | 07/08/03 | Kato et al. | 522 | 148 | 09/12/01 |
| | | 6,593,055 | 07/15/03 | Shimazu et al. | 430 | 166 | 09/05/01 |
| | | 6,593,402 | 07/15/03 | Chatterji et al. | 524 | 7 | 02/06/01 |
| | | 6,596,455 | 07/22/03 | Yanaka et al. | 430 | 138 | 04/19/01 |
| | ** | 6,599,676 | 07/15/03 | Savariar-Hauck et al. | 430 | 270.1 | 01/03/02 |
| | | 6,605,409 | 08/12/03 | Kodama et al. | 430 | 270.1 | 05/21/01 |
| | | 6,608,162 | 08/19/03 | Chiu et al. | 528 | 129 | 03/15/02 |
| | ** | 6,610,754 | 08/26/03 | Rader | 521 | 78 | 10/07/02 |
| | ** | 6,613,494 | 09/02/03 | Savariar-Hauck et al. | 430 | 272.1 | 03/13/01 |
| | | 6,613,862 | 09/02/03 | Clark et al. | 528 | 49 | 02/01/01 |
| | | 6,623,817 | 09/23/03 | Yang et al. | 428 | 32.12 | 02/22/01 |
| | | 6,624,216 | 09/23/03 | Morganelli et al. | 523 | 435 | 01/31/02 |
| | | 6,627,691 | 09/30/03 | Mowrey et al. | 524 | 492 | 06/28/01 |
| | ** | 6,630,274 | 10/07/03 | Kiguchi et al. | 430 | 7 | 08/16/00 |
| | | 6,632,511 | 10/14/03 | Zhang | 428 | 209 | 11/09/01 |
| | | 6,632,527 | 10/14/03 | McDaniel et al. | 428 | 402 | 11/30/99 |
| | ** | 6,635,400 | 10/21/03 | Kato et al. | 430 | 170 | 04/17/01 |
| | ** | 6,638,853 | 10/28/03 | Sue et al. | 438 | 633 | 07/03/02 |
| | | 6,649,324 | 11/18/03 | Fiebag et al. | 430 | 302 | 10/17/00 |
| | | 6,656,661 | 12/02/03 | Hong et al. | 430 | 272.1 | 04/04/01 |
| | | 6,660,362 | 12/09/03 | Lindsay et al. | 428 | 131 | 11/03/00 |
| | ** | 6,660,454 | 12/09/03 | Fiebag | 430 | 292 | 10/17/02 |
| | ** | 6,663,941 | 12/16/03 | Brown et al. | 428 | 141 | 09/05/02 |
| | | 6,667,137 | 12/23/03 | Kottmair et al. | 430 | 18 | 12/30/02 |
| | ** | 6,670,099 | 12/30/03 | Sawada et al. | 430 | 278.1 | 09/06/01 |

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /TY/

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|--|----|-----------|----------|-------------------|-----|-------|----------|
| | | 6,670,747 | 12/30/03 | Ito et al. | 313 | 497 | 11/23/01 |
| | | 6,673,514 | 01/06/04 | Kitson et al. | 430 | 270.1 | 09/07/01 |
| | ** | 6,680,440 | 01/20/04 | Russell et al. | 174 | 260 | 02/23/98 |
| | | 6,703,324 | 03/09/04 | Wong | 438 | 787 | 12/21/00 |
| | | 6,706,464 | 03/16/04 | Foster et al. | 430 | 315 | 01/16/03 |
| | | 6,716,565 | 04/06/04 | Kunita et al. | 430 | 270.1 | 01/14/02 |
| | | 6,716,567 | 04/06/04 | Endo et al. | 430 | 278.1 | 07/22/02 |
| | | 6,716,573 | 04/06/04 | Fujie et al. | 430 | 326 | 06/25/02 |
| | ** | 6,723,483 | 04/05/04 | Oono et al. | 430 | 170 | 12/07/00 |
| | | 6,729,404 | 05/04/04 | Nguyen et al. | 166 | 280.2 | 06/26/02 |
| | | 6,733,952 | 05/11/04 | Kaneko et al. | 430 | 270.1 | 12/12/02 |
| | | 6,737,158 | 05/18/04 | Thompson | 428 | 306.6 | 10/30/02 |
| | | 6,740,464 | 05/25/04 | Maemoto | 430 | 138 | 01/10/01 |
| | | 6,746,896 | 06/08/04 | Shi et al. | 438 | 108 | 08/28/00 |
| | | 6,750,405 | 06/15/04 | Fallon et al. | 174 | 262 | 10/17/00 |
| | | 6,764,552 | 07/20/04 | Joyce et al. | 134 | 3 | 11/21/02 |
| | | 6,773,639 | 08/10/04 | Moyes et al. | 264 | 40.6 | 10/10/01 |
| | ** | 6,677,106 | 01/13/04 | Blum et al. | 430 | 302 | 01/03/02 |
| | ** | 6,677,113 | 01/13/04 | Kagawa et al. | 430 | 570 | 04/10/02 |
| | | 6,680,440 | 01/20/04 | Russell et al. | 174 | 260 | 02/23/98 |
| | ** | 6,689,543 | 02/10/04 | Kresge et al. | 430 | 320 | 02/11/02 |
| | ** | 6,691,618 | 02/17/04 | Deutsch et al. | 101 | 465 | 10/25/01 |
| | ** | 6,699,636 | 03/02/04 | Savariar-Hauk | 430 | 270.1 | 12/12/01 |
| | ** | 6,723,490 | 04/20/04 | Patel et al. | 430 | 271.1 | 11/15/01 |
| | | 6,723,780 | 04/20/04 | Hacker et al. | 524 | 509 | 11/18/02 |
| | ** | 6,727,031 | 04/27/04 | Shimada et al. | 430 | 138 | 01/22/01 |
| | ** | 6,727,293 | 04/27/04 | Rader | 521 | 135 | 06/19/03 |
| | ** | 6,730,256 | 05/04/04 | Bloomstein et al. | 264 | 401 | 08/06/01 |
| | ** | 6,733,901 | 05/11/04 | Takasaki et al. | 428 | 620 | 05/02/02 |

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|--|----|-----------|----------|--------------------|-----|-------|----------|
| | ** | 6,737,225 | 05/18/04 | Miller | 430 | 329 | 12/28/01 |
| | ** | 6,739,260 | 05/25/04 | Damme et al. | 101 | 465 | 04/24/02 |
| | ** | 6,759,185 | 07/06/04 | Fiebag et al. | 430 | 399 | 11/14/01 |
| | ** | 6,764,587 | 07/20/04 | Sawada et al. | 205 | 214 | 09/14/01 |
| | ** | 6,767,587 | 07/27/04 | Brown | 427 | 393.4 | 10/17/02 |
| | ** | 6,773,809 | 08/10/04 | Itoh et al. | 428 | 355 | 11/08/00 |
| | ** | 6,788,452 | 08/10/04 | Kato et al. | 430 | 190 | 08/06/03 |
| | ** | 6,788,452 | 08/10/04 | Sakurai et al. | 428 | 521 | 02/22/02 |
| | ** | 6,777,170 | 08/10/04 | Bloomstein et al. | 430 | 320 | 08/06/01 |
| | ** | 6,788,452 | 09/07/04 | Liang et al. | 359 | 296 | 12/04/02 |
| | ** | 6,790,568 | 09/14/04 | Goto | 430 | 7 | 01/23/03 |
| | ** | 6,790,581 | 09/14/04 | Kato et al. | 430 | 190 | 10/11/02 |
| | ** | 6,790,590 | 09/14/04 | Collins et al. | 430 | 270.1 | 01/27/03 |
| | ** | 6,791,839 | 09/14/04 | Bhagwagar | 361 | 705 | 06/25/02 |
| | ** | 6,800,426 | 10/05/04 | Ray et al. | 430 | 322 | 12/13/01 |
| | ** | 6,803,167 | 10/12/04 | Patel et al. | 430 | 166 | 12/04/02 |
| | ** | 6,803,170 | 10/12/04 | Toriumi et al. | 430 | 270.1 | 08/10/01 |
| | ** | 6,806,021 | 10/19/04 | Sato et al. | 430 | 198 | 04/01/02 |
| | ** | 6,806,031 | 10/19/04 | Endo et al. | 430 | 278.1 | 05/15/01 |
| | ** | 6,809,269 | 10/26/04 | Fuller, Jr. et al. | 174 | 264 | 12/19/02 |
| | | 6,815,137 | 11/09/04 | Hoshi et al. | 430 | 138 | 12/28/01 |
| | ** | 6,815,140 | 11/09/04 | Uetani et al. | 430 | 165 | 06/01/99 |
| | ** | 6,821,705 | 11/23/04 | Nagai et al. | 430 | 270.1 | 04/26/02 |
| | ** | 6,824,927 | 11/30/04 | Ishizuka et al. | 430 | 157 | 02/19/03 |
| | ** | 6,830,862 | 12/14/04 | Kitson et al. | 430 | 156 | 02/28/02 |
| | ** | 6,830,868 | 12/14/04 | Nagai et al. | 430 | 270.1 | 03/06/03 |
| | ** | 6,830,872 | 12/14/04 | Mizutani et al. | 430 | 276.1 | 09/20/02 |
| | ** | 6,833,234 | 12/21/04 | Bloomstein et al. | 430 | 321 | 08/06/01 |
| | ** | 6,835,533 | 12/28/04 | Foster et al. | 430 | 280.1 | 02/18/04 |

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FOREIGN PATENT DOCUMENTS

| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION | |
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OTHER REFERENCES *(Including Author, Title, Date, Pertinent Pages, Etc.)*

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| EXAMINER | /Tae Yoon/ | DATE CONSIDERED | 06/30/2008 |
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